

Title (en)

A method for manufacturing a Hall sensor assembly and a Hall sensor assembly

Title (de)

Verfahren zur Herstellung einer Hallgeneratoranordnung und Hallgeneratoranordnung

Title (fr)

Procédé pour fabriquer un ensemble formant capteur Hall et ensemble formant capteur Hall

Publication

**EP 2551691 A1 20130130 (EN)**

Application

**EP 11192114 A 20111206**

Priority

- EP 11175607 A 20110727
- EP 11192114 A 20111206

Abstract (en)

An assembly (2) of Hall sensors (6) provides the advantages : # the averaged values of all three field components are assigned to the same point in space, at the centre (4) of the Hall sensor (6), thus allowing for instantaneous measurements of the full field vector; # with the appropriate electrical connections of the Hall elements from opposing surfaces of each pair, the undesired planar Hall effect can be practically cancelled out.

IPC 8 full level

**G01R 33/00** (2006.01); **G01R 33/02** (2006.01); **G01R 33/07** (2006.01)

CPC (source: EP)

**G01R 33/0005** (2013.01); **G01R 33/0052** (2013.01); **G01R 33/0206** (2013.01); **G01R 33/07** (2013.01); **G01R 33/072** (2013.01)

Citation (applicant)

GB 2159278 A 19851127 - STC PLC

Citation (search report)

- [XA] EP 2261684 A1 20101215 - CONSIGLIO NAZIONALE RICERCHE [IT]
- [IA] US 5689185 A 19971118 - WIDDERSHOVEN FRANCISCUS P [NL], et al
- [A] US 2002092364 A1 20020718 - ADDERTON DENNIS M [US], et al
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Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)

BA ME

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DOCDB simple family (application)

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